

## EAST Search History

| Ref # | Hits  | Search Query                 | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|------------------------------|------------------------------|------------------|---------|------------------|
| S1    | 1130  | microneedle                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2007/01/03 15:51 |
| S2    | 52540 | dialysis                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:44 |
| S3    | 1130  | microneedle                  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:44 |
| S4    | 114   | S2 and S3                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:56 |
| S5    | 0     | S2 and "L23" and "600".clas. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:54 |
| S6    | 16    | S4 and "600".clas.           | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/08 13:18 |
| S7    | 0     | 500/345.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:55 |
| S8    | 406   | 600/345.ccls.                | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:55 |
| S9    | 0     | S4 and S8                    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:55 |
| S10   | 15    | S6 and glucose               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:55 |
| S11   | 6     | S2 same S3                   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:56 |
| S12   | 6     | S11 and glucose              | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/01 18:56 |
| S13   | 6     | out with of with plane       | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/08 12:41 |
| S14   | 5865  | out-of-plane                 | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/08 12:42 |
| S15   | 52652 | dialysis                     | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2006/12/08 16:40 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S16 | 1133 | microneedle  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 12:42 |
| S17 | 114  | S15 and S16  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 15:37 |
| S18 | 16   | S17 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 12:42 |
| S19 | 1    | S18 and S14  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 12:42 |
| S20 | 20   | ("239025" "448107" "452979"<br>"453109").ap.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 13:19 |
| S21 | 2    | S16 and S20  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 13:19 |
| S22 | 3    | ((("5640954") or ("6013029") or<br>("6091976"))).PN. or (2003/0143746).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/08 14:51 |
| S23 | 77   | ("2893392"   "3034507"   "3086530"  <br>"3123212"   "3136314"   "3221739"  <br>"3221740"   "3556080"   "3596660"  <br>"3675766"   "3918449"   "3964482"  <br>"4109655"   "4159659"   "4222392"  <br>"4664651"   "4671288"   "4703761"  <br>"4771660"   "4775361"   "4798582"  <br>"4921475"   "4969468"   "5035711"  <br>"5054339"   "5138220"   "5147355"  <br>"5250023"   "5279544"   "5279552"  <br>"5335670"   "5364374"   "5383512"  <br>"5401242"   "5457041"   "5527288"  <br>"5582184"   "5591139"   "5599302"  <br>"5611806"   "5611809"   "5611942"  <br>"5618295"   "5658515"   "5697901"  <br>"5758505"   "5801057"   "5807375"  <br>"5843114"   "5848991"   "5855801"  <br>"5865786"   "5865796"   "5879326"  <br>"5885211"   "5899880"   "5911223"  <br>"6050988"   "6080116"   "6132755"  <br>"6334856"   "6537242"   "RE25637").<br>PN. OR ("6743211").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 14:53 |

## EAST Search History

|     |    |   |                              |    |     |                  |
|-----|----|---|------------------------------|----|-----|------------------|
| S24 | 64 | ("2893392"   "3034507"   "3086530"  <br>"3123212"   "3136314"   "3221739"  <br>"3221740"   "3556080"   "3596660"  <br>"3675766"   "3918449"   "3964482"  <br>"4109655"   "4159659"   "4222392"  <br>"4320758"   "4664651"   "4671288"  <br>"4703761"   "4771660"   "4798582"  <br>"4921475"   "4969468"   "5035711"  <br>"5279552"   "5335670"   "5364374"  <br>"5383512"   "5401242"   "5457041"  <br>"5527288"   "5582184"   "5591139"  <br>"5611806"   "5611809"   "5611942"  <br>"5618295"   "5658515"   "5697901"  <br>"5801057"   "5807375"   "5843114"  <br>"5848991"   "5865786"   "5879326"  <br>"6080116"   "6132755"   "RE25637").<br>PN. OR ("6611707").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 14:53 |
| S25 | 3  | (S24 or S23) and S15  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 14:53 |
| S26 | 19 | S15 and (S16 same sample)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 15:45 |
| S27 | 3  | ((("6,663,612") or ("6,562,014") or ("6,<br>312,612"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/08 15:47 |
| S28 | 71 | ("2893392" "20010053891" "2002008<br>2543" "20020099356" "20030135158"<br> "3034507" "3086530" "3123212" "31<br>36314" "3221739" "3221740" "355608<br>0" "3596660" "3675766" "3918449" "3<br>964482" "4109655" "4159659" "42223<br>92" "4320758" "4320767" "4664651" "<br>4671288" "4703761" "4771660" "4775<br>361" "4798582" "4921475" "4969468"<br> "5035711" "5054339" "5138220" "51<br>47355" "5250023" "5279544" "527955<br>2" "5335670" "5364374" "5383512" "5<br>401242" "5457041" "5527288" "55318<br>70" "5582184" "5591139" "5599302" "<br>5605662" "5611806" "5611809" "5611<br>942" "5618295" "5632957" "5658515"<br> "5697901" "6230051" "6334856" "64<br>51240" "6558361" "6565532" "667152<br>7" "6678554" "6692456" "RE25637").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/08 15:48 |

## EAST Search History

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| S29 | 40 | ("2522309" "20010053891" "20010053891" "20020010410" "3289675" "3964482" "4324236" "4685903" "5279544" "5569272" "5697901" "5820570" "5931794" "6020208" "6083196" "6183434" "6183434" "6230051" "6256533" "6271037" "6293925" "6329146" "6334856" "6440096" "6503231" "6537242" "6558361" "6591124" "6603998" "6611707" "6623457" "6629949" "6656147" "6695859" "6713291" "6743211" "6767341" "6780171" "6837988" "6899717").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 15:48 |
| S30 | 92 | ("20010053891" "20020082543" "20020099356" "20030135158" "2893392" "3034507" "3086530" "3123212" "3136314" "3221739" "3221740" "3556080" "3596660" "3675766" "3918449" "3964482" "4109655" "4159659" "4222392" "4320758" "4664651" "4671288" "4703761" "4771660" "4775361" "4798582" "4921475" "4969468" "5035711" "5054339" "5138220" "5147355" "5250023" "5279544" "5279552" "5335670" "5364374" "5383512" "5401242" "5457041" "5527288" "5531870" "5582184" "5591139" "5599302" "5605662" "5611806" "5611809" "5611942" "5618295" "5632957" "5658515" "5697901" "5758505" "5801057" "5807375" "5843114" "5848991" "5852495" "5855801" "5858188" "5865786" "5865796" "5876675" "5879326" "5883211" "5885211" "5899880" "5911223" "5919159" "5983130" "6230051" "6334856" "6451240" "6558361" "6565532" "6671527" "6678554" "6692456" "6050988" "6080116" "6132755" "6312612" "RE25637").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 15:48 |
| S31 | 1  | 2006/0084942  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 15:55 |
| S32 | 1  | "20060084942"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 15:55 |
| S33 | 3  | S15 and S16 and (S28 or S29 or S30)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:11 |
| S34 | 24 | sage-burton\$5.in.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:12 |

## EAST Search History

|     |        |                                |                              |    |    |                  |
|-----|--------|--------------------------------|------------------------------|----|----|------------------|
| S35 | 4      | gillett-david.in.              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:12 |
| S36 | 53630  | dialysis or microdialysis      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:40 |
| S37 | 303113 | needle or microneedle          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:40 |
| S38 | 1517   | S36 same S37                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:40 |
| S39 | 167    | S38 and "600".clas.            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:40 |
| S40 | 217    | S38 same membrane              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:41 |
| S42 | 102    | S40 and ("600" or "604").clas. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:43 |
| S43 | 23072  | S37 with (array or plurality)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:42 |
| S44 | 5      | S43 same S36 same membrane     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:42 |
| S45 | 36     | S43 same S36                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:43 |
| S46 | 20     | S45 and ("600" or "604").clas. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/08 16:43 |
| S47 | 53984  | dialysis or microdialysis      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/28 11:09 |
| S48 | 304283 | needle or microneedle          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/28 11:09 |
| S49 | 1529   | S47 same S48                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/28 11:09 |
| S50 | 219    | S49 same membrane              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/28 11:09 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S51 | 22   | S50 and "600".clas.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 11:32 |
| S52 | 3    | ((("6013029") or ("6287438") or ("6572566")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/28 12:28 |
| S53 | 6    | "059390".ap.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 11:52 |
| S55 | 2    | ((("5640954") or ("6091976")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/12/28 12:28 |
| S56 | 8    | S53 or S55   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 12:29 |
| S57 | 3    | S56 and membrane   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 12:29 |
| S58 | 5    | S52 or S55   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 12:29 |
| S59 | 5    | S58 and membrane   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 12:29 |
| S60 | 13   | ("4694832"   "4777953"   "4832034"   "5097834"   "5174291"   "5393401"   "5605152"   "5741233"   "5741284"   "5855801"   "6081736").PN. OR ("6572566").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:43 |
| S61 | 9    | S48 and S60  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:43 |
| S62 | 4    | S47 and S61  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:43 |
| S63 | 4    | S62 and membrane   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:43 |
| S64 | 16   | ("3902970"   "4633878"   "4671288"   "5106365"   "5109850"   "5126034"   "5176632"   "5193545"   "5298022").PN. OR ("5640954").URPN.                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:46 |
| S65 | 3    | S47 and S48 and membrane and S64.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 13:46 |
| S66 | 9893 | S48 same membrane  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:08 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S67 | 4628 | S48 with membrane                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:09 |
| S68 | 908  | S67 and (glucose analyte)                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:09 |
| S69 | 330  | S68 and ("600".clas. or "604".clas.)\               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:08 |
| S70 | 330  | S68 and ("600".clas. or "604".clas.)                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:08 |
| S71 | 91   | S70 and S47   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:08 |
| S72 | 93   | S67 same S47  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:09 |
| S73 | 36   | S72 and (glucose analyte)                           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/28 14:09 |
| S74 | 432  | bianco.xa. or bianco.xp.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:51 |
| S75 | 178  | S74 and needle                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:53 |
| S76 | 1713 | (604/29,207,210,4.01,5.01).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/03 15:53 |
| S77 | 843  | S76 and membrane                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:56 |
| S78 | 363  | S77 and (needle or microneedle)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:43 |
| S79 | 219  | S78 and dialysis                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:54 |
| S80 | 433  | S76 and (membrane same (dialysis or microdialysis)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:56 |
| S81 | 161  | S80 and (needle or microneedle)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 15:56 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S82 | 34   | S76 and ((needle or microneedle) same membrane same (dialysis or microdialysis))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:43 |
| S83 | 52   | ("20030100934"   "20030163147"   "3225129"   "3864248"   "3953566"   "3962153"   "4187390"   "4220153"   "4267863"   "4536018"   "4647378"   "4650466"   "4662383"   "4787921"   "4822341"   "4967765"   "5391197"   "5454374"   "5562617"   "5571169"   "5620409"   "5690115"   "5702715"   "5707332"   "5876366"   "5879320"   "5911704"   "6007516"   "6019788"   "6022335"   "6037329"   "6076529"   "6077443"   "6086573"   "6102884"   "6113570"   "6153252"   "6177049"   "6200256"   "6210393"   "6214887"   "6216041"   "6217503"   "6231587"   "6261255"   "6308737"   "6319465"   "6323184"   "6361531"   "6387116"   "6398764").PN. OR ("7144381").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:42 |
| S84 | 986  | (210/645,646).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/03 16:42 |
| S85 | 275  | S84 and (needle or microneedle)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:43 |
| S86 | 201  | S84 and (needle or microneedle) and membrane and dialysis  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:43 |
| S87 | 36   | S84 and ((needle or microneedle) same membrane same (dialysis or microdialysis))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 17:42 |
| S88 | 0    | S87 and microneedle  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:44 |
| S89 | 0    | S87 and microdialysis  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 16:44 |
| S90 | 20   | S87 not S82  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 17:42 |
| S91 | 3087 | ((604/5.04,6.09) or (210/195.2,321.75-321.8,348+,500.1,500.21)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/03 17:42 |
| S92 | 23   | S91 and ((needle or microneedle) same membrane same (dialysis or microdialysis))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 17:43 |



## EAST Search History

|          |       |   |                              |    |     |                  |
|----------|-------|---|------------------------------|----|-----|------------------|
| S93      | 13    | S92 not (S87 or S82)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/03 17:43 |
| S94      | 1     | ("20030135158").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/22 11:24 |
| S95      | 1     | ("20030135158").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/01/22 11:24 |
| S96      | 1     | S95 and glucose   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/22 11:24 |
| S97      | 379   | (microneedle or microdialysis) same array   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/22 15:03 |
| S98      | 39    | S97 and "600".clas.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2007/01/22 15:03 |
| S99      | 11    | (US-20060084942-\$ or<br>US-20050261632-\$ or<br>US-20040186419-\$ or<br>US-20020099356-\$ or<br>US-20020028991-\$ or<br>US-20020006355-\$).did. or<br>(US-7141034-\$ or US-7047070-\$ or<br>US-6690959-\$ or US-6603987-\$ or<br>US-6537242-\$).did. | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 15:47 |
| S10<br>0 | 0     | S99 and (dialysis or microdialysis) and<br>(array same (at adj least))  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 15:08 |
| S10<br>1 | 123   | (dialysis or microdialysis) and (array<br>same (at adj least))  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 16:15 |
| S10<br>2 | 5     | ((dialysis and microneedle) or<br>microdialysis) and (array same (at adj<br>least))   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 16:50 |
| S10<br>3 | 3704  | (dialysis adj membrane) and (polymer<br>or gel)   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 15:47 |
| S10<br>4 | 628   | (dialysis adj membrane) with (polymer<br>or gel)  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 15:47 |
| S10<br>5 | 6     | S104 and "600".clas.  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 16:14 |
| S10<br>6 | 16574 | dialysis and plant  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 16:15 |
| S10<br>7 | 442   | (dialysis or microdialysis) same plant  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 16:15 |
| S10<br>8 | 405   | ((dialysis and microneedle) or<br>microdialysis) and plant  | US-PGPUB;<br>USPAT           | OR | ON  | 2007/01/22 17:57 |

## EAST Search History

|      |       |  |                              |    |    |                  |
|------|-------|--|------------------------------|----|----|------------------|
| S109 | 69    | S108 and "600".clas.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 16:15 |
| S110 | 3     | ((dialysis and microneedle) or microdialysis) same plant   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 16:16 |
| S111 | 4     | "903672".ap.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 16:16 |
| S112 | 12985 | detect\$3 with polymer   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/01/22 16:50 |
| S113 | 32    | ((dialysis and microneedle) or microdialysis) and S112   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 16:52 |
| S114 | 3     | S113 and "600".clas.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 16:52 |
| S115 | 30    | (US-20040168969-\$ or<br>US-20060211933-\$ or<br>US-20050209518-\$ or<br>US-20050137536-\$ or<br>US-20060155236-\$ or<br>US-20030014003-\$ or<br>US-20060138049-\$ or<br>US-20050208648-\$ or<br>US-20030208113-\$ or<br>US-20030135201-\$ or<br>US-20030109807-\$ or<br>US-20030143746-\$ or<br>US-20060025717-\$ or<br>US-20040009096-\$ or<br>US-20040086638-\$ or<br>US-20030135158-\$ or<br>US-20020006355-\$ or<br>US-20060084942-\$ or<br>US-20010016682-\$).did. or<br>(US-6572566-\$ or US-5035711-\$ or<br>US-6743211-\$ or US-6287438-\$ or<br>US-5176632-\$ or US-5298022-\$ or<br>US-7144381-\$ or US-5640954-\$ or<br>US-6611707-\$ or US-6603987-\$ or<br>US-7048856-\$).did. | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 17:37 |
| S116 | 27    | S115 and membrane  | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 18:18 |
| S117 | 105   | ((dialysis and microneedle) or microdialysis) and (membrane near3 (enzyme or catalyst))  | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 18:03 |
| S118 | 28    | S117 and "600".clas.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 17:58 |
| S119 | 30    | ((dialysis and microneedle) or microdialysis) and (membrane near4 (enzyme or catalyst)) and "600".clas.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/01/22 18:05 |

## EAST Search History

|          |      |   |                    |    |    |                  |
|----------|------|---|--------------------|----|----|------------------|
| S12<br>0 | 2    | S119 not S118   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 18:04 |
| S12<br>1 | 35   | (dialysis) and (membrane near4<br>(enzyme or catalyst)) and "600".clas. | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 18:05 |
| S12<br>2 | 29   | S121 not S119   | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 18:05 |
| S12<br>3 | 6927 | (membrane near disrupt\$4) or (cell<br>near2 ruptur\$3)                 | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 18:18 |
| S12<br>4 | 41   | S123 and microneedle  | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 19:01 |
| S12<br>6 | 2    | S124 and "600".clas.  | US-PGPUB;<br>USPAT | OR | ON | 2007/01/22 18:19 |